



5-408.31

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

1011
FERNALD
LOC K-2519
SEP 25 11 10 AM '97

SEP 24 1997

REPLY TO THE ATTENTION OF: FILE 6446.6
LIBRARY

SRF-5J

Mr. Johnny W. Reising
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

RE: Re-Injection Test
Plan PSP

Dear Mr. Reising:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) Project Specific Plan (PSP) for the re-injection test plan.

This PSP discusses a one year, field-scale groundwater re-injection demonstration.

Attached are U.S. EPA's comments on the PSP. Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,

James A. Saric
Remedial Project Manager
Federal Facilities Section
SFD Remedial Response Branch #2

Enclosure

cc: Tom Schneider, OEPA-SWDO
Bill Murphie, U.S. DOE-HDQ
John Bradburne, FERMCO
Terry Hagen, FERMCO
Tom Walsh, FERMCO

TECHNICAL REVIEW COMMENTS ON
"RE-INJECTION DEMONSTRATION TEST PLAN"

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

GENERAL COMMENTS

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 4.4 Page #: 49 Line #: 1
Original General Comment #: 1

Comment #1: The text states that Geoprobe™ sampling will be conducted prior to the start of re-injection and then 4, 8, and 12 months of re-injection. Other sampling activities, such as biological, groundwater quality, and boroscope measurements, will be conducted quarterly. All sampling should be conducted on the same quarterly schedule so that all the data produced are comparable.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 4.4 Page #: 56 Line #: NA
Original General Comment #: 2

Comment: The plan states on Page 36 that a deep monitoring well will be installed at four of the five re-injection well locations. However, Figure 4-1 does not show a deep monitoring well next to re-injection well 22107. Figure 4-1 should be revised to reflect the information on Page 36 of the plan.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 6.0 Page #: 64 Line #: NA
Original General Comment #: 3

Comment: This section describes the schedule of activities to be completed in general terms. The plan should present the specific date of project initiation and the specific dates for each major activity and reporting milestone.